

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	359	thieno adj5 thiophene \$15thieno\$2"3" adj "4"\$2b\$2thiophene \$15thieno\$20thiophene	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:39
S2	29	S1 and ((polysulfonic poly adj sulfonic poly\$15sulfonic styrene adj sulfonic polystyrene adj sulfonic vinyl\$10sulfonic) adj acid PSS with polyanion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:25
S3	106	S1 and (particle grain filter) near5 ( size diameter micron nm nanometer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:25
S4	144	S1 and (LED light adj emitting adj diode photovoltaic OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:26
S5	87	S4 and ((conducti\$4 injection transport\$4) and emitting) near5 (layer coating film)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:27
S6	64	S5 and (polyfluorene poly adj fluorene \$15fluorene phenylene adj vinylene "MEH-PPV")	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:29
S7	13	S5 and (polyfluorene poly adj fluorene \$15fluorene phenylene adj vinylene "MEH-PPV") with emitting	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:29
S8	321	(polysulfonic poly adj sulfonic poly\$15sulfonic styrene adj sulfonic polystyrene adj sulfonic vinyl\$10sulfonic) adj acid and (\$15thiophene polythiophene PEDOT thieno adj5 thiophene \$15thieno\$2"3" adj "4"\$2b\$2thiophene \$15thieno\$20thiophene ) near5 (dispersion solution) and (aqueous water) near5 (dispersion solution) and (particle grain powder) near5 (size diameter nm nanometer micron angstrom)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:31
S9	31	S3 and (252/500,299.61,301.32,301.35,511,582,589.ccls. 257/40,103,40,E51.029.ccls. 313/504.ccls. 438/82,99.ccls. 359/273.ccls. 528/377,380.ccls. 428/690,704.ccls. 136/244, 252,257,250.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:34
S10	83	S8 and (252/500,299.61,301.32,301.35,511,582,589.ccls. 257/40,103,40,E51.029.ccls. 313/504.ccls. 438/82,99.ccls. 359/273.ccls. 528/377,380.ccls. 428/690,704.ccls. 136/244, 252,257,250.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/13 11:35
S11	45	(thieno adj5 thiophene \$15thieno\$2"3" adj "4"\$2b\$2thiophene \$15thieno\$20thiophene ) and (conduct\$4 semi\$2conduct\$4 electro\$2luminescen\$5 LED OLED photovoltaic solar)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/13 11:35
S12	15	(xuezhong near2 jiang roy near2 bastin).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/13 11:36
S13	8	(S1 S8) and ((xuezhong near2 jiang roy near2 bastin).in. air adj product.as. )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/13 11:36
S14	12	(thieno adj5 thiophene \$15thieno\$2"3" adj "4"\$2b\$2thiophene \$15thieno\$20thiophene).clm. and (particle grain size diameter micron nm nanometer).clm.	US-PGPUB; USPAT	OR	ON	2007/02/13 11:41

## EAST Search History

S15	47	("2004001010115" "20040074779" "4639328" "2004074779" "1275651" "1300430" "03038588" "6391481" "4910645" "4935164" "4959430" "5300575" "5498761" "5567355" "5766515" "6083635" "6175441").did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/13 11:43
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